

CLAIM

I CLAIM:

1.A vertical Venetian blind comprising:

a head rail of a length;

a first end cover detachably fastened with one end of said head rail and provided with a projection;

a second end cover detachably fastened with other end of said head rail and provided with an insertion tube extending therefrom, and two protrusions, each having a retaining slot;

a control seat provided with a hollow interior, an upright pillar located in said hollow interior, a cross pillar located in said hollow interior, and two sector gears located in said hollow interior such that said two sector gears are engaged with each other and are located between said upright pillar and said cross pillar, said control seat further provided with two plates extending therefrom in the same direction and having a plurality of retaining holes, a control rod fastened with an outer end of said upright pillar, and two axial holes engaging two ends of said cross pillar whereby said cross pillar is provided with a center through hole;

a plurality of slat transmission seats, each being provided with two retaining projections opposite to each other, a hollow interior, an upright pillar disposed in said hollow interior, a cross pillar disposed in said hollow interior, two sector gears disposed in said hollow interior such that said two sector gears are engaged with each other

and located between said upright pillar and said cross pillar, said upright pillar provided with a hooked portion to catch a slat, said cross pillar provided with a center through hole and engaged at two ends thereof with two axial holes of said slat transmission seats, said slat transmission seats further provided with a retaining slot whereby said slat transmission seats are serially and movably disposed in said head rail in such a manner that said retaining projections of one outermost slat transmission seat are retained in said retaining slots of said protrusions of said second end cover, and that said retaining projections of other outermost slat transmission seat are retained in said retaining holes of said two plates of said control seat, and that said retaining projections of intermediate slat transmission seats are provided with a roller;

a plurality of link pieces, each being provided at one end with a retaining hook and a through slot, with said retaining hook being retained in said retaining slot of one of said slat transmission seats, said link pieces further provided with an extension end having a stop edge, said link pieces being serially arranged in such a way that said extension end is put through said through slot of an adjoining link piece, and that said stop edge is stopped at said through slot of one of said link piece at such time when two adjoining slat transmission seats are pulled apart for a distance; and

a transmission shaft having a first end and a second end, with said first end being inserted into said insertion tube of said second end cover, with said second end being pivoted with said projection of said first end cover via said center through hole of said cross pillar of each of said slat transmission seats, and said center through hole of said

cross pillar of said control seat.